

CLAIMS

1. A method for manufacturing a synthetic resin container, comprising the steps of forming a preform by performing compression molding to a drop which is a synthetic resin molten lump with a compression molding machine, and performing continuously stretch blow molding to the preform with a stretch blow molding machine.
2. The method for manufacturing a synthetic resin container according to claim 1, comprising the steps of discharging the preform maintaining the heat conferred at the time of molding from the compression molding machine, and performing an even-heating treating of preform, and then stretch blow molding.
3. The method for manufacturing a synthetic resin container according to claim 2, wherein the even-heating treatment is a heating treatment and/or cooling treatment.
4. A device for manufacturing a synthetic resin container comprising the steps of performing compression molding to the preform with a compression molding machine, and then continuously stretch-blow molding with a stretch-blow molding machine, wherein a cutting means of drops which is a synthetic resin molten lump extruded from an extrusion opening of an extruding means; a supplying means; a compression molding machine; a preform-discharging means; an even-heating mechanism of preforms; a stretch blow molding machine; and a container product discharging means are constituted to be a

continuous system.

5. The method or device for manufacturing a synthetic resin container according to any one of claims 2 to 4, wherein a partial heating and/or partial cooling treatment or a partial heating and/or partial cooling mechanism is further added to the even-heating treatment or the even-heating mechanism of preforms, according to the temperature of the body part of the preform.

6. The method or device for manufacturing a synthetic resin container according to any one of claims 2 to 5, wherein a process to heat and crystallize a neck part of the container is further added.

7. The method or device for manufacturing a synthetic resin container according to any one of claims 2 to 6, wherein:

- the drop supplying method and means is a rotary- and movable means provided with a plurality of drop holding/carrying methods and drop holding/carrying mechanisms, which holds and carries a determined quantity of drop, which is made by cutting molten synthetic resin extruded from an extrusion opening, and provides to molding dies of a compression molding machine;
- the compression molding machine is a rotary compression molding machine which uses a rotary- and movable type with a plurality of molding dies comprising male and female dies;
- the even-heating mechanism of preforms is a rotary-type treating mechanism which treats a plurality of preforms; and
- the stretch blow molding machine is a rotary-type stretch blow molding machine that performs stretch blow molding continuously

to a plurality of preforms.

8. The method or device for manufacturing a synthetic resin container according to any one of claims 1 to 7, wherein the stretch blow molding is a double-axis stretch blow, or a two-step blow, and that the synthetic resin container is a bottle or a cup.